

## Abstract

A stator for an electrical machine, in particular a rotary current generator, is  
5 proposed, in which the stator (36) is made by the flat-packet technique and  
comprises at least one stator iron (10) and a stator winding (30), and the stator  
iron (10) has a substantially annular-cylindrical shape, and the stator iron (10) has  
an axial direction (a) which is oriented in the direction of a cylinder axis, and the  
10 stator iron (10) has an end face, oriented in the direction of the cylinder axis and  
defining a slot area ( $A_{Nut}$ ), and a ratio (A) formed of the slot area ( $A_{Nut}$ ) and the end  
face area amounts to between 0.4 and 0.8.

(Fig. 4)